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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
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of 5

**Complete if Known**

Application Number	10/813,747
Filing Date	March 29, 2004
First Named Inventor	Simmons et al.
Art Unit	1644
Examiner Name	M. Belyavskiy
Attorney Docket Number	75990-B /JPW/BJA/LM

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature		Date Considered	
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**EXAMINER:** Initial reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

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Applicant: Simmons et al

Serial No.: 10/813,747

Filed: March 29, 2004

## Exhibit A

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.B./

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**INFORMATION DISCLOSURE  
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Sheet 2

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Filing Date	March 29, 2004
First Named Inventor	Simmons et al.
Art Unit	1644
Examiner Name	M. Belyavskiy
Attorney Docket Number	75990-BJPW/BJA/LM

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5	Barry, M. (2003) "Biology and Clinical Applications...Stem Cells." Birth Defect Research (Part C) 69:250-256.	
	6	Cassiede, P. et al. (1996) "Osteochondrogenic Potential of Marrow Mesenchymal Progenitor Cells Exposed to ..." Journal of Bone and Mineral Research Vol. 11(9):1264-1273.	
	7	Chopp, M. and Li, Y. (2002) "Treatment of Neural Injury with Marrow Stromal Cells." The Lancet Neurology 1:92-100.	
	8	Dennis JE, et al. (2002), "The STRO-1+ Marrow Cell Population is Multipotential," Cells Tissues Organs, 170:73-82.	
	9	Finney, M.R. et al. (2006), "Direct Comparison of Umbilical Cord Blood versus Bone Marrow-Derived Endothelial Precursor ...," Biol. Blood and Marrow Transplant. 12:585-593	
	10	Fujii, S. et al. (2008), "Investigating a Clonal Human Periodontal Ligament Progenitor/Stem Cell Line in Vitro and In Vivo," J. Cell. Physiol. 215:743-749	
	11	Greenberger, J. and Keating, A. (1996) "The Hematopoietic Microenvironment." Keystone Symposium, Taos, New Mexico 14:366-367.	
	12	Gronthos et al. (1996) "The Biology and Application of Human Bone Marrow Stromal Cell Precursors." Journal of Hematotherapy 5(1): 15-23 (Abstract).	
	13	Hoerstrup SP et al. (2002), "Tissue Engineering of Functional Trileaflet Heart Valves from Human Marrow Stromal Cells." Circulation 106(Suppl):i-143-150.	
	14	Kang Yong Jung et al. (2004) "Involvement of PI-3-kinase, JNK, PKC, and PKA in the PDGF-induced...mesenchymal stem cells." Vol. 18(8) C253.	

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of

5

Application Number

10/813,747

Filing Date

March 29, 2004

First Named Inventor

Simmons et al.

Art Unit

1644

Examiner Name

M. Belyavskiy

Attorney Docket Number

75990-BJPW/BJA/LM

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	15	Kassem, M. (2004) "Mesenchymal Stem Cells: Biological Characteristics and Potential Clinical Applications." Cloning Stem Cells 6:369-374.	
	16	Le Blanc, K. and Ringden, O. (2005) "Immunobiology of Human Mesenchymal Stem Cells and Future Use in Hematopoietic ..." Biology of Blood and Marrow Transplantation 11:321-33	
	17	Murray et al. (1996) "Fetal Bone Marrow CD34+CD41+ Cells are Enriched for Multipotent Hematopoietic Progenitors..." Exp. Hematol. 24:236-245.	
	18	Pan, Beijing et al. (2004) "The nitrogen-containing bisphosphonate, zoledronic acid, increases mineralisation of human bone-derived cells in vitro." Bone 34:112-123.	
	19	Summer, R. and Fine, A. (2008) "Mesenchymal Progenitor Cell Research: Limitations and Recommendations," Proc. Am. Thorac. Soc. 5:707-710.	
	20	Yang XV, et al. (2006), "Evaluation of Human Bone Marrow Stromal Cell Growth on Biodegradable ...." Biochemical and Biophysical Research Communications 342:1098-1107	
	21	International Preliminary Report on Patentability...International Bureau of WIPO on October 1, 2005 in connection with International Application No. PCT/AU2004/000416	
	22	Extended European Search Report issued December 27, 2007 in connection with European Application No. 05787106.3.	
	23	Supplementary European Search Report issued January 2, 2008 in connection with European Application No. 05754008.0.	
	24	November 13, 2007 Office Action issued in connection with U.S. Serial No. 11/169,875.	

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		First Named Inventor	Simmons et al.
		Art Unit	1644
		Examiner Name	M. Belyavskiy
		Attorney Docket Number	75990-BJ/PW/BJA/LM
Sheet 4	of 5		

NON PATENT LITERATURE DOCUMENTS			
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	25	January 8, 2008 Office Action issued in connection with U.S. Serial No. 11/326,736	
	26	January 8, 2008 Office Action issued in connection with U.S. Serial No. 10/551,162	
	27	January 10, 2008 Final Office Action issued in connection with U.S. Serial No. 10/955,709	
	28	April 4, 2008 Restriction Requirement issued in connection with U.S. Serial No. 10/551,326.	
	29	September 12, 2008 Office Action issued in connection with U.S. Serial No. 10/551,162.	
	30	October 16, 2008 Office Action issued in connection with U.S. Serial No. 10/955,709.	
	31	November 13, 2008 Office Action issued in connection with U.S. Serial No. 10/551,326.	
	32	November 17, 2008 Office Action issued in connection with U.S. Serial No. 11/326,736.	
	33	November 26, 2008 Office Action issued in connection with U.S. Serial No. 11/169,875.	
	34	June 22, 2009 Final Office Action issued in connection with U.S. Serial No. 10/551,162	

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Sheet

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Application Number

10/813 747

Filing Date

March 29, 2004

**First Named Inventor**

Simmons et al.

Art Unit

1644

**Examiner Name**

M. Belvayskvi

Attorney Docket Number

75990-B/JPW/BJA/LM

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25

June 23, 2009 Final Office Action issued in connection with U.S. Serial No. 11/169,875

36

July 16, 2009 Final Office Action issued in connection with U.S. Serial No. 10/955,709

Examiner  
Signature

/Michail Belyavskiy/

Date Considered

10/22/09

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